

# Intro to Solving Quadratic Equations

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Chapter 7: Worksheet 6

Level 1 - Solve using the Square Root Principle and the Zero Product Property

Level 2 - Solve by factoring and then using the Zero Product Property

Level 3 - Solve by factoring polynomials of higher orders

## Level 1

Solve the following equations using the Square Root Principle.

a) $x^2 = 9$	b)	c)
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Solve the following equations using the Zero-Product Property.

g) $(x + 1)(x - 5) = 0$	h)	i)
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## Level 2

Factor and then solve using the Zero-Product Property.

a) $x^2 + 2x = 0$	b)	c)
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## Level 3

Factor and then solve:

a) $x^3 - 9x = 0$	b)	c)
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